



PANIMALAR ENGINEERING COLLEGE

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

JOURNAL PUBLICATIONS

AY 2023-24

S.NO	AUTHORS	PAPER TITLE	JOURNAL NAME	INDEXED (UGC CARE/ SCOPUS/ WOS)	LINK
1.	Dr. S.Malathi, et., al.,	Test Design Optimisation of factors and levels by Covering double and triple mode Combinations using Orthogonal Array test strategies and Random Forest Algorithm	Fusion: Practice and Applications	Scopus	https://doi.org/10.54216/FPA.130111
2.	Dr. S.Malathi, et., al.,	Detection of black hole attacks in vehicle-to-vehicle communications using ad hoc networks and on demand protocols	International Journal of Intelligent Unmanned Systems	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57195331995
3.	Dr. A. Joshi, et., al.,	Deep Fraud Net: A Deep Learning Approach for Cyber Security and Financial Fraud Detection and Classification	Journal of Internet Services and Information Security	Scopus	https://www.scopus.com/authid/detail.uri?authorId=42961616900
4.	Dr. A. Joshi, et., al.,	An ensemble method for air quality monitoring and control using machine learning	Measurement: Sensors	Scopus	https://www.scopus.com/authid/detail.uri?authorId=42961616900
5.	Dr. K.Jayashree, et., al.,	POLSTM: Poplar optimization-based long short term memory model for resource allocation in cloud environment	Computer Communications	Scopus / WOS	https://www.scopus.com/authid/detail.uri?authorId=55492906800
6.	Dr. K.Jayashree, et., al.,	An efficient spam detector model for accurate categorization of spam tweets using quantum chaotic optimization-based stacked recurrent network	Nonlinear Dynamics	WOS - SCIE	https://doi.org/10.1007/s11071-023-08697-z
7.	Dr. K.Jayashree, et., al.,	Class Based Dynamic Feature Centric Data De-duplication Scheme for Efficient Mitigation of Side Channel Attack in Cloud	Journal of Electrical Engineering and Technology	Scopus / WOS	https://www.scopus.com/authid/detail.uri?authorId=55492906800



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8.	Dr. S.Chakaravarthi, et., al.,	A New Fuzzy Lexicon Expansion and Sentiment Aware Recommendation System in e-Commerce	International Journal of Advanced Computer Science and Applications	Scopus	http://dx.doi.org/10.14569/IJACSA.2023.0140629
9.	Dr. S.Chakaravarthi, et., al.,	Improving the accuracy of sentiment analysis using a linguistic rule-based feature selection method in tourism reviews	Measurement: Sensors	Scopus	https://doi.org/10.1016/j.measen.2023.100888
10.	Dr. S.Chakaravarthi, et., al.,	A novel light GBM-optimized long short- term memory for enhancing quality and security in webservice recommendation system	Journal of Supercomputing	Scopus	https://www.scopus.com/authid/detail.uri?authorId=56048705100
11.	Dr. S.Chakaravarthi, et., al.,	Tourism Recommendation System Using Indistinct Rule-Based Feature Selection and Classification for Tourists	Journal of Harbin Engineering University	Scopus	https://harbinengineeringjournal.com/index.php/journal/article/view/1087
12.	Dr. S.Chakaravarthi, et., al.,	Improve analysing accuracy of implicit tourist feedback using effective hybrid classifier model	Journal of data acquisition and processing	Scopus	https://www.scopus.com/authid/detail.uri?authorId=56048705100
13.	Dr.T.Kalaichelvi, et.al.,	Test Design Optimisation of factors and levels by Covering double and triple mode Combinations using Orthogonal Array test strategies and Random Forest Algorithm	Fusion: Practice and Applications	Scopus	https://doi.org/10.54216/FPA.130111
14.	Dr.T.Kalaichelvi, et.al.,	A Preliminary Analysis by using FCGA for Developing Low Power Neural Network Controller Autonomous Mobile Robot Navigation	International Journal of Intelligent Systems and Applications in Engineering	Scopus	https://www.ijisae.org/index.php/IJISAE/article/view/4199
15.	Dr. W.Gracy Theresa, et., al.,	A Complete Design of Smart Wind Farm Enriched with Novel Anemometer	International Journal on Recent and Innovation Trends in Computing and Communication	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57200211657
16.	Dr. W.Gracy Theresa, et., al.,	Optimizing Performance of Coverage Delay in Wireless Mobile Networks using Powered Cluster Based Routing	Journal of Theoretical and Applied Information Technology	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57200211657



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17.	Dr. M.Anbarasan, et., al.,	IoT-based external attacks aware secure healthcare framework using blockchain and SB-RNN-NVS-FU techniques	Technol Health Care	Scopus / WOS	https://content.iospress.com/articles/technology-and-health-care/thc231895
18.	Dr. A.N.Arularasan, et., al.,	A Novel Approach for Plant Leaf Disease Predictions Using Recurrent Neural Network RNN Classification Method	Journal of Advanced Research in Applied Sciences and Engineering Technology	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57118243800
19.	Dr. C. Gnanaprakasam, et., al.,	Cardiovascular Abnormalities Classification Model Using Machine Learning and Signal Processing Techniques	International Journal of Intelligent Systems and Applications in Engineering	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57207675083
20.	Dr. C. Gnanaprakasam, et., al.,	Meander Line Base Asymmetric Co-planar Wave Guide (CPW) Feed Tri-Mode Antenna for Wi-MAX, North American Public Safety and Satellite Applications	Plasmonics	SCIE & Scopus	10.1007/s11468-023-01826-9
21.	Dr. C. Gnanaprakasam, et., al.,	Vulnerability detection in software applications using static code analysis	Journal of Theoretical and Applied Information Technology	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57207675083
22.	Dr. S.Hemamalini, et., al.,	Sparrow Search Algorithm based BGRNN Model for Animal Healthcare Monitoring in Smart IoT	International Journal on Recent and Innovation Trends in Computing and Communication	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57921338200
23.	Dr. S.Hemamalini, et., al.,	An intelligent weather prediction model using optimized 1D CNN with attention GRU	Global Nest Journal	Scopus / WOS	https://www.scopus.com/authid/detail.uri?authorId=57921338200
24.	Dr. P.Rajeswari, et., al.,	Optimizing E-waste management: Deep learning classifiers for effective planning	Journal of Cleaner Production	Scopus / WOS	https://www.scopus.com/authid/detail.uri?authorId=57212065059
25.	Dr. M.S.Maharajan, et., al.,	Enhancing the Food Processing in Industry 5.0 Based on Artificial Intelligence	International Journal of Intelligent Systems and Applications in Engineering	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57211287103



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26.	Dr. M. S. Maharajan, et., al.,	Using AI to Improve Autonomous Unmanned Aerial Vehicle Navigation	International Journal of Intelligent Systems and Applications in Engineering	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57211287103
27.	Dr. C.Bharanidharan, et., al.,	Future transportation computing model with trifold algorithm for real-time multipath networks	Journal of Autonomous Intelligence	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57232395000
28.	Dr. V.Sathya, et.al.,	A comprehensive study and review of tuning the performance on database scalability in big data analytics	Journal of Intelligent and Fuzzy Systems	SCI & Scopus	10.3233/JIFS-223295
29.	Dr. V.Sathya, et.al.,	A novel predicting students performance approach to competency & hidden risk factor identifier using a various machine learning classifiers	Journal of Intelligent and Fuzzy Systems	SCI & Scopus	10.3233/JIFS-224586
30.	Mr. S.Kaviarasan, et., al.,	Proficient Bayesian Classifier for Predicting Congestion and Active Node Sensing Classification in Wireless Cognitive Radio	International Journal of Electrical and Electronics Research	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57773298500
31.	Ms. S.Srinidhi, et., al.,	Innovations In Sustainable Engineering: A Review of Green Technologies	Educational Administration: Theory and Practice	Scopus	https://kuey.net/index.php/kuey/article/view/3511
32.	Ms. S.Srinidhi, et., al.,	Identification of a person using multi-metric in Profound Learning	Educational Administration: Theory and Practice	Scopus	Identification Of A Person Using Multi-Metric In Profound Learning Educational Administration: Theory and Practice (kuey.net)
33.	Ms. C.Gomathi, et., al.,	Enhancing K-Clustering based Privacy Preserving for E-Healthcare IoT Systems	International Journal of Intelligent Systems and Applications in Engineering	Scopus	https://www.scopus.com/authid/detail.uri?authorId=58932473400
34.	Ms. S.Swathi, et., al.,	A novel breast cancer diagnostic using convolutional squared deviation neural network classifier with Al-Biruni Earth Radius optimization in medical IoT system	e-Prime - Advances in Electrical Engineering, Electronics and Energy	Scopus	https://www.scopus.com/authid/detail.uri?authorId=58680144700



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35.	Ms. R. Vidhya Muthulakshmi, et., al	Personalized Online Book Recommendation System Using Hybrid Machine Learning Techniques	International Journal of Intelligent Systems and Applications in Engineering	Scopus	https://www.scopus.com/authid/detail.uri?authorId=58932024600
36.	Ms. A.Logapriya, et., al.,	A comparative study on machine learning and fuzzy logic based approach for enhancing credit card	International Journal of Intelligent Systems and Applications in Engineering	Scopus	https://ijisae.org/index.php/IJISAE/article/view/4504
37.	Ms. J.Anitha, et., al.,	Industry 5.0 based on Hybrid and Nonlinear Systems in Robustness	International Journal of Intelligent Systems and Applications in Engineering	Scopus	https://www.scopus.com/authid/detail.uri?authorId=58890831200
38.	Ms. J.Anitha, et., al.,	Revolutionizing Human-Robot Interaction (HRI): Multimodal Intelligent Robotic System for Responsive Collaboration	International Journal of Intelligent Systems and Applications in Engineering	Scopus	https://ijisae.org/index.php/IJISAE/article/view/4713
39.	Mrs. K. Charulatha,et.al.,	Machine learning based detection of DDoS attacks in software defined network	Indonesian Journal of Electrical Engineering and Computer Science	Scopus	http://doi.org/10.11591/ijeecs.v32.i3.pp1503-1511
40.	Mr. M.VetriSelvan, et., al.,	Visual Tracking Based on Human Feature Extraction from Surveillance Video for Human Recognition	International Journal on Recent and Innovation Trends in Computing and Communication	Scopus	https://www.scopus.com/authid/detail.uri?authorId=58628885000
41.	Mr. M.VetriSelvan, et., al.,	Machine Learning Algorithms for Anomaly Detection in IoT Networks	Migration Letters	Scopus	https://migrationletters.com/index.php/ml/article/view/6728
42.	Ms. T.SelvaBanuPriya, et., al.,	Energy-efficient intrusion detection system for secure acoustic communication in under water sensor networks	KSII Transactions on Internet and Information Systems	Scopus / WOS	https://www.scopus.com/authid/detail.uri?authorId=58497616700